

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1-53 (Cancelled).

Claim 54 (Currently amended). An isolated recombinant tetrameric mammalian uricase, wherein said uricase is in a substantially tetrameric form, wherein less than 10% of said uricase is in a non-tetrameric aggregated form, and ~~The isolated tetrameric uricase of Claim 52,~~ wherein said ~~the~~ uricase is chimeric.

Claim 55 (Currently amended). The isolated tetrameric uricase of Claim 54, wherein ~~the~~ said chimeric uricase contains portions of porcine liver and baboon liver uricases.

Claim 56 (Currently amended). The isolated tetrameric uricase of Claim 55, wherein ~~the~~ said chimeric uricase is pig-baboon chimeric uricase.

Claim 57 (Currently amended). An isolated recombinant tetrameric mammalian uricase ~~The isolated tetrameric uricase of Claim 52,~~ wherein ~~the~~ said uricase is recombinant porcine uricase containing lysine in place of arginine at residue number 291 in SEQ ID NO:1 and serine in place of threonine at residue number 301 in SEQ ID NO:1.

Claim 58 (Currently amended). An isolated recombinant tetrameric mammalian uricase ~~The isolated tetrameric uricase of Claim 52~~, wherein ~~the~~ said uricase has the sequence of baboon liver uricase in which tyrosine 97 in SEQ ID NO:2 has been replaced by histidine.

Claim 59 (Currently amended). The isolated tetrameric uricase of Claim 54 ~~Claim 52~~, wherein ~~the~~ said uricase comprises an amino terminus ~~terminal~~ and a carboxyl terminus ~~terminal~~, and wherein the uricase is truncated at one terminus ~~terminal~~ or both termini.

Claims 60-61 (Cancelled).

Claim 62 (New). The isolated tetrameric uricase of Claim 57, wherein said uricase comprises an amino terminus and a carboxyl terminus, and wherein the uricase is truncated at one terminus or both termini.

Claim 63 (New). The isolated tetrameric uricase of Claim 58 wherein said uricase comprises an amino terminus and a carboxyl terminus, and wherein the uricase is truncated at one terminus or both termini.